

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5617	382/100,103,104,107;348/154,155,169,170,171,172;73/488,489,490;356/27.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:15
S2	1297	S1 and ((vector\$1 encod\$4 cod\$4) same ((block\$1 box\$1 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) and (imag\$4 frame\$1 video\$1))) and (mov\$4 motion\$5)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/15 10:46
S3	608	S2 and ((block\$1 box\$1 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) near4 (adjacent "near" next))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/29 15:49
S4	516	S1 and (((vector\$1 encod\$4 cod\$4) same ((block\$1 box\$1 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) and (imag\$4 frame\$1 video\$1))) same (mov\$4 motion\$5))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/15 10:46
S5	258	S4 and ((block\$1 box\$1 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) near4 (adjacent "near" next))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/15 10:47
S6	45408	((block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) same (imag\$4 frame\$1 video\$1)) and ((mov\$8 motion\$4) near4 object\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/30 16:17
S7	1123	S6 and ((calculat\$ add\$4 count\$4 number\$4) near4 ((adjacent "near" next close) near5 (block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 area\$1 bound\$4)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/10/01 13:13
S8	918	S7 and (encod\$ vector\$1 cod\$4 gradient\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/29 15:56

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S9	418	S7 and ((motion\$4 mov\$4) near4 (encod\$ vector\$1 cod\$4 gradient\$1))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/29 15:57
S10	25	S7 and ((AC and DC) near4 component\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/29 16:07
S11	45408	((block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) same (imag\$4 frame\$1 video\$1)) and ((mov\$8 motion\$4) near4 object\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/30 16:17
S12	45408	((block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) same (imag\$4 frame\$1 video\$1)) and ((mov\$8 motion\$4) near4 object\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/10/01 13:13
S13	1123	S12 and ((calculat\$ add\$4 count\$4 number\$4) near4 ((adjacent "near" next close) near5 (block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 area\$1 bound\$4)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/10/01 13:14
S14	74	S12 and (((calculat\$ add\$4 count\$4 number\$4) near4 ((adjacent "near" next close) near5 (block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 area\$1 bound\$4))) same threshold\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/10/01 13:23
S15	0	"6901110.pn."	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 16:07
S16	3	"6901110".pn.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 16:07

## EAST Search History

S17	6061	382/100,103,104,107;348/154, 155,169,170,171,172;73/488, 489,490;356/27.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 17:17
S18	264	S17 and ((macroblock\$1 rectangle\$1 square\$1 grid\$1) same ((encod\$1 vector\$1 gradient\$1) and number))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 16:52
S19	42	S17 and ((macroblock\$1 rectangle\$1 square\$1 grid\$1) near5 ((encod\$1 vector\$1 gradient\$1 parameter\$1) and number))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 16:53
S20	164	S17 and ((macroblock\$1 rectangle\$1 square\$1 grid\$1) with ((encod\$1 vector\$1 gradient\$1 parameter\$1) and number))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:09
S21	10733	((identif\$7 recogniz\$4 determin\$7) with (macroblock\$1 rectangle\$1 square\$1 grid\$1)) same (encod\$1 vector\$1 gradient\$1 parameter\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:11
S22	138	S17 and ((identif\$7 recogniz\$4 determin\$7) with (macroblock\$1 rectangle\$1 square\$1 grid\$1)) same (encod\$1 vector\$1 gradient\$1 parameter\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:18
S23	15399	382/100,103,104,107;348/154, 155,169,170,171,172;73/488, 489,490;356/27;375/240-241. ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 17:17
S24	1238	S23 and ((identif\$7 recogniz\$4 determin\$7) with (macroblock\$1 rectangle\$1 square\$1 grid\$1)) same (encod\$1 vector\$1 gradient\$1 parameter\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:20

## EAST Search History

S25	146	S24 and (((number amount quantit\$4) near6 (macroblock\$1 rectangle\$1 square\$1 grid\$1)) same ((adjacent\$ "near" close direct\$4 indirect\$4 touch\$4 neighbor\$5) near5 (macroblock\$1 rectangle\$1 square\$1 grid\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:24
S26	1370	((motion mov\$4) and (macroblock\$1 square\$1 rectangle\$1 box\$3) and (cod\$4 encod\$4) and (count\$4 number\$1 quanti\$4 amount)).clm.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:19
S27	497	((motion mov\$4) and (macroblock\$1 square\$1 rectangle\$1 box\$3) and (cod\$4 encod\$4) and (count\$4 number\$1 quanti\$4 amount) and (adjacent "next" neighbor\$4)).clm.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:23
S28	275	((motion mov\$4) and (macroblock\$1 square\$1 rectangle\$1 box\$3) and ((identif\$5 recogniz\$7 determin\$4) same (cod\$4 encod\$4)) and (count\$4 number\$1 quanti\$4 amount) and (adjacent "next" neighbor\$4)).clm.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:25
S29	144	((motion mov\$4) and (macroblock\$1 square\$1 rectangle\$1 box\$3) and ((identif\$5 recogniz\$7 determin\$4) same (cod\$4 encod\$4)) and ((count\$4 number\$1 quanti\$4 amount) same (adjacent "next" neighbor\$4))).clm.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:53
S30	3468	(((motion mov\$4) near6 (object\$1 subject\$1 vehicle\$1 target\$1 bod\$4 car\$1 airplane\$1)) same ((macroblock\$1 rectangle\$1 box\$4 square\$1 grid\$1 block\$1 subblock\$1) with (cod\$4 encod\$4 vector\$1 gradient\$1 parameter\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:59

## EAST Search History

S31	492	S30 and ((count\$4 number\$4 amount\$4 quantit\$6) with ((adjacent\$ next neighbor\$4 close\$4 vicinit\$4 "near" proximat\$4) with (macroblock\$1 block\$1 subblock\$1 grid\$1 rectangle\$1 square\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 11:05
S33	3	"6901110".pn.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/24 10:43
S34	1	S33 and ((count\$4 number\$1 amount quanti\$7) with (macroblock\$1 block\$1))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/24 10:45
S35	3468	(((motion mov\$4) near6 (object\$1 subject\$1 vehicle\$1 target\$1 bod\$4 car\$1 airplane\$1)) same ((macroblock\$1 rectangle\$1 box\$4 square\$1 grid\$1 block\$1 subblock\$1) with (cod\$4 encod\$4 vector\$1 gradient\$1 parameter\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/24 12:28
S36	492	S35 and ((count\$4 number\$4 amount\$4 quantit\$6) with ((adjacent\$ next neighbor\$4 close\$4 vicinit\$4 "near" proximat\$4) with (macroblock\$1 block\$1 subblock\$1 grid\$1 rectangle\$1 square\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/24 12:28
S37	103	S36 and ((identif\$6 recogniz\$6 determin\$6) with ((possibl\$3 candidate\$1 probabl\$4) with (macroblock\$1 block\$1 subblock\$1 rectangle\$1 square\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/24 12:28

## EAST Search History

S38	788	((motion mov\$5) and (identif\$5 recogniz\$6 determin\$7) and (macroblock\$1 block\$1 segment\$1 subblock\$1 rectangle\$1 square\$1) and (encod\$4 cod\$4 parameter\$4 vector\$1 gradient\$1) and (number count\$4 quantit\$4 amount\$4) and (neighbor\$4 next "near" adjacent)).clm.	US-PGPU B	OR	OFF	2006/02/24 15:07
S39	6	((motion mov\$5) and (identif\$5 recogniz\$6 determin\$7) and (macroblock\$1 block\$1 segment\$1 subblock\$1 rectangle\$1 square\$1) and (encod\$4 cod\$4 parameter\$4 vector\$1 gradient\$1) and (number count\$4 quantit\$4 amount\$4) and (neighbor\$4 next "near" adjacent) and directly and indirectly).clm.	US-PGPU B	OR	OFF	2006/02/24 15:08

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	788	((motion mov\$5) and (identif\$5 recogniz\$6 determin\$7) and (macroblock\$1 block\$1 segment\$1 subblock\$1 rectangle\$1 square\$1) and (encod\$4 cod\$4 parameter\$4 vector\$1 gradient\$1) and (number count\$4 quantit\$4 amount\$4) and (neighbor\$4 next "near" adjacent)).clm.	US-PGPU B	OR	OFF	2006/02/24 15:07
L2	6	((motion mov\$5) and (identif\$5 recogniz\$6 determin\$7) and (macroblock\$1 block\$1 segment\$1 subblock\$1 rectangle\$1 square\$1) and (encod\$4 cod\$4 parameter\$4 vector\$1 gradient\$1) and (number count\$4 quantit\$4 amount\$4) and (neighbor\$4 next "near" adjacent) and directly and indirectly).clm.	US-PGPU B	OR	OFF	2006/02/24 15:08

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#1

```
((((imag* <paragraph> (motion* or mov*))and((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*))) and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or ~~next~~, ~~near~~, adjacent*))<in>metadata)
```

#2

```
((((imag* <paragraph> (motion* or mov*))and((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*))) and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or ~~next~~, ~~near~~, adjacent*))<in>metadata)
```

#3

```
((((imag* <paragraph> (motion* or mov*))and((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*))) and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or ~~next~~, ~~near~~, adjacent*))<in>metadata)
```

#4

```
((((imag* <paragraph> (motion* or mov*))and((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*))) and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or ~~next~~, ~~near~~, adjacent*))<in>metadata)
```

#5

```
(((((imag* <paragraph> (motion* or mov*)) and (identif* or recog*, determin*)) and ((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*)))and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or ~~next~~, ~~near~~, adjacent*))<in>metadata)
```

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IEEE JNL IEEE Journal or Magazine

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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Gokcetekin, M.H.; Harmanci, M.D.; Celasun, I.; Tekalp, A.M.;  
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